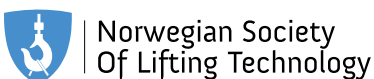


The 21st International OFFSHORE CRANES & LIFTING CONFERENCE

April 19th - 21st 2016,
Aberdeen Exhibition & Conference Centre, Aberdeen, UK

www.liftingoffshore.com

**Safe lifting operations
through high reliability
and cost effectiveness**



Welcome to the 21st International Offshore Cranes & Lifting Conference

The Norwegian Society of Lifting Technology (NSLT) together with the Offshore Mechanical Handling Equipment Committee (OMHEC) are again proud to announce this year's International Offshore Cranes & Lifting Conference.

The conference alternates between the "oil capitals" of Norway and Scotland - Stavanger and Aberdeen - these are the most important places of business for the North Sea oil and gas industry and home for regulators, the major duty holders, oil and gas contractors, service companies etc. During the conference, the participants will have a chance to meet and share their experiences with North Sea offshore petroleum regulators, experts and industry leaders from the offshore crane and lifting operations community.

The conference has the goal to cover a wide range of new topics in offshore cranes and lifting technology, subsea and heavy lifting, crane standardisation and regulatory and industry safety initiatives. Participants will have ample opportunity to enter into discussions with the speakers and spend time interacting with companies demonstrating their goods and services in the Crane Expo area.



Why you need to attend "The 21st IOCLC in Aberdeen, UK April 19th - 21st 2016"

You'll get the most up-to-date information in the offshore crane and lifting business industry, as well as answers to all of your crane and lifting questions. Additionally, world renowned crane business leaders, end-users, consultants, petroleum regulators and vendors will all be under one roof, solely for the purposes of learning, exchanging information, networking, see and try new technology and developing long lasting business relationships in order to contribute to enhance safety and improve business.

What sets this conference apart from the rest?

The 21st International Offshore Cranes and Lifting Conference is the only conference with a complete focus on the offshore crane & lifting business in the North Sea and beyond.

The conference is not a series of sales orientated pitches but a dynamic gathering of like-minded people involved in the offshore lifting industry. Our unique blend of presentations, case studies and exhibitions provides you with a unique opportunity to walk away from the summit with all of the critical information you need to get the most out of your daily lifting operational tasks. This conference gives the lifting community the platform that it truly deserves as it provides many hours of dedicated networking time for you to talk openly with your peers, suppliers and customers and the opportunity to conduct business face-to-face.

PROGRAM

Monday April 18th

16.30 Visit BrewDog, brewery

20.00 Get together at Holiday Inn Express

Tuesday April 19th

*Morning session Chairman: Mr. Svein Anders Eriksson,
Petroleum Safety Authority, N*

08.00 Registration / Coffee / Exhibition

09.30 Welcoming Remarks
*Mr. Svein Anders Eriksson, Section Head,
Petroleum Safety Authority, N*

09.40 Welcome to Aberdeen
Opening Address
*Mr. Russell Breen, HDI Energy Division,
Offshore Operations Manager, HSE, UK*

REGULATION/SAFETY

10.00 HSE Focus
*Mr. Colin Martin and Mr. Jarrod King,
Health and Safety Executive, HSE, UK*

10.20 PSA Focus
• Summary incidents and accidents
• Market Surveillance
*Mr. Svein Anders Eriksson,
Section Head, Petroleum Safety Authority, N*

10.40 Coffee Break / Exhibition

11.10 SSM Focus
*Mr. Eddy J. Drost, Inspector Operations,
State Supervision of Mines, NL*

11.30 OMHEC Update
Mr. Sigmund Andreassen, Leader OMHEC, N

SHARING BEST PRACTICES – EXPERIENCE TRANSFER

11.50 Two incidents with crane operations
*Mr. Hans Christian Langager, Safety Adviser,
Danish Working Environment Authority, DK*

12.20 Lunch / Exhibition

*Afternoon session Chairman:
Mr. John Morrison, EnerMech Ltd., UK*

13.20 Cost-incurring factors related to project purchase of lifting equipment
• Reflections and examples from Statoil modification projects

- Examples of actions and measures taken to simplify and reduce spend

*Mr. Tor Inge Hystad, Principal Eng.
Operation Crane & Lift, Statoil, N*

13.50 Safety during lifting operations
– Getting the basics right
• Despite an excellent safety record lifting accidents still happen
• Many of these accidents are caused by a failure to manage known and understood risks, this paper argues that the industry needs to remain focused on getting the basics of safe lifting right
Mr. John Bradshaw, Technical Adviser, IMCA, UK

14.20 Coffee Break / Exhibition

14.50 Automatic overload protection system, theory and practice
• Brief on the global design philosophy for offshore crane
• Off-board lifting operation safety frames
• Automatic overload protection system (AOPS)
Mr. Valentyn Skudra, Senior Engineer, DNV GL, N

15.20 Substantially reduced operational costs using cutting edge technology
• Case studies and examples with high return on investments
• How can robot vision make a massive impact on offshore logistic efficiency?
Mrs. Camilla Nylund, General Manager, Optilift, N

15.50 Coffee Break / Exhibition

16.20 Crane Operator View
Mr. Gordon Cran, Crane Operator, EnerMech, Ltd., UK

PERSONNEL TRANSFER

16.50 New methodology to improve safety and reduce costs of personnel transfer using offshore cranes
• Considering realistic parameters for planning and execution of personnel lifting operations
• Implementing the methodology using multibody dynamic analysis and application in real cases
*Mr. Leonardo Roncetti, Structural Engineer,
TechCon Engineering and Consulting Ltd, BR*

17.20 End of day 1

SOCIAL ARRANGEMENT

18.00 Change into kilts

18.30 Bus from AECC to Ardoe House

19.00 Aperitif at Ardoe House

19.30 Dinner at Ardoe House
Master of Ceremonies: Mr. Peter Mitchell, UK

23.00 Bus transport back to AECC

PROGRAM

Wednesday April 20th

*Morning session Chairman:
Mr. Maro Hartmann, Lloyd's EMEA, D*

MAINTENANCE AND INSPECTION

08.00 Late life phase – solutions for optimized costs

- A replacement of a BOP crane planned to a cost of MNOK 10 was changed to a 1.5 MNOK modification
- A crane solution was changed to a rigging solution Saving approx. 6 MNOK
- Improved maintenance planning saves times and cost in crane maintenance by applying condition monitoring versus date based schedule

MSc Leif A Løken, Sales Director & Product Manager, Alpa AS, N

LIFTING ROPES

08.30 Desperate times require innovative measures: upgrading existing steel wire rope cranes to soft rope in order to increase vessel cost-effectiveness and subsea work output

- Retrofit of existing steel wire rope cranes to increase subsea lifting capability
- Practical use of DNVGL's principles-based standard, DNV-OS-E407

Mrs. Moya Crawford, Director of Research, Development & Implementation, Deep Tek AS, N

09.00 Ropes and reeving systems – the last 40 years and the next 10 years

- Ropes
- Sheaves
- Drums
- End connections
- Testing and Inspection

Mr. Roland Verreet, Wire Rope Technology Aachen, D

10.30 Coffee Break / Exhibition

11.00 The science on cabling

- Block rotation/cabling: the interaction of wire ropes and their behavior with sheaves and crane-blocks
- Influencing wire rope longevity by sheave design

Mr. Joost Eertman, Technical Director, Ropeblock B.V., NL

11.45 The continuous development of wire rope lubricants

- The tasks completed by wire ropes are ever more strenuous, how are wire rope lubricants being improved to meet these new challenges?
- What is the impact of more stringent environmental regulation on wire rope lubricant performance?

Mr. Gareth Procter, Business Development Manager, ROCOL Lubricants, UK

12.15 Lunch / Exhibition

*Afternoon session Chairman:
Mr. Tor Inge Hystad, Statoil, N*

STANDARDS

13.15 The advantages of a simplified company offshore crane engineering standard

- Back to Basics: This presentation describes the recent journey undertaken by Woodside to simplify its Offshore Crane Engineering Standard
- Why was this project undertaken, what was the result and who benefits?

Mr. Ben Finlay, Lifting TA, Woodside, AU

13.45 Coffee Break / Exhibition

14.15 Status - NORSOK R- Lifting equipment standards

- NORSOK R-003 Revision 3
- NORSOK R-002 Editorial changes to revision 2

Speaker will be announced

NEW TECHNOLOGY

14.45 Split hoist heave compensation concept

- Create or upscale Active Heave with minimal effect to existing hoisting equipment
- Higher efficiency and reduction of necessary deck space improve the practical limits of Active Heave Compensation by + 400%

Mr. Patrick Verbakel, Sales Manager Marine & Offshore, Bosch Rexroth B.V. and Mr. Wouter van Dalen, Section Head, Seaway Heavy Lifting, NL

15.15 Coffee Break / Exhibition

15.45 Installation of suction anchors by the use of passive heave compensating systems

- Hydrodynamic modelling
 - vertical - vs. horizontal deployment of suction anchors
- Reducing splash zone dynamics, lowering resonance and subsea landing speed

Mr. Stian Sannes, CTO, Cranemaster, N

16.15 Regulatory framework for marine and offshore lifting - understanding the basics

- Statutory regulations vs. classification rules vs. technical standards
- Ships/mobile offshore drilling units vs. fixed installed offshore platforms

Mr. David Jaramillo, Manager Business Development, RUD Ketten, D

16.45 Adding value to marine operations with Safelink adaptive passive heave compensation

- Julimar Development Project – taking full advantage of the new Safelink adaptive PHC system to increase safety and efficiency of the subsea installation
- Targeting all dynamic challenges and adjusting to various phases of marine operations without human interaction

Mrs. Signe Marie Oland, Project Manager, Safelink, N

17.15 End of day 2

PROGRAM

Thursday April 21st

Morning session Chairman: Mr. Eddy J. Drost,
State Supervision of Mines, NL

HUMAN FACTORS AND TRAINING

08.00 The role of safety coaching during times of significant change

- Closing the knowledge gap to support deck teams to think and behave safely
- Integrated safety coaching is proven to dramatically reduce the number of offshore incidents

Hugh MacLeod, C&CD Specialist – Lead IQA, Sparrows Group, UK

08.30 Taking control of the human factor in crane operations

- Procedures as safety barriers – where are the holes?
- What is the link between the holes in the barriers and leadership?

Mrs. Aud Wahl, Instructor and Project Manager, SMSC, N

09.15 Lifting CRM training of offshore crane operations to the next level

- Integrated simulator training
- Focus on human factors in complex lift operations

Mr. Gullik A. Jensen, PhD. Product Manager Offshore Simulator, Kongsberg Maritime, N

09.45 Coffee Break / Exhibition/ Check out

10.15 Improving safety through simulation training prior to heavy lift /subsea lift operations

- Do we give the lifting team a fair chance to become a real TEAM?
- Are all the lifting team members responsible for a safe and efficient lifting operation?

Mr. Per Harry Storhaug, Senior Crane Inspector, SMSC, N

MAINTENANCE AND INSPECTIONS

10.45 From predictive to preventive maintenance

- Growing computational power installed in offshore cranes enable data mining directly on the machine's control level leading to better and more data to predict errors
- This allows shifting the focus from detecting errors to creating knowledge to avoid errors, which is the key to increase safety and to cut costs for maintenance at once

Mr. Andreas Schwarzahns, Department Manager R&D Analysis & Driver Assistance MCC, Liebherr-Werk Nenzing GmbH, A

11.15 Putting Enterprise of Competence into perspective

- Understanding of the concept and role of Enterprise of Competence (EoC)
- Challenges for EoC

Mr. Gunnar Matre, Principal Engineer, Cranes and Lifting Operations, DNV GL, N

12.00 Lunch/ exhibition

Afternoon session Chairman:
Mr. Robert Oftedal, DNV GL, N

13.00 Repair or replace for decommissioning: a methodology to make the right decision?

- Early planning of lifting requirements
- Balancing cost efficiency with operational requirements

Mr. Brendan Forbes, Head of Engineering, Sparrows Group, UK

DROPPED OBJECTS

13.30 Dropped Objects Training

- Experience and approach with regards to dropped objects
- Relations to behavioural safety

Mr. Tommy Christensen, Technical Manager, Fanø Kran-Service AS, DK

14.00 Dropped object risk: Use of historic accidents and consequence modelling for risk analyses

- Dropped objects from cranes are one of the contributors to risk on offshore installations. The presentation will focus on two aspects of dropped object risk; the first part focuses on dropped object frequencies, and the second part is a presentation of consequence modelling of dropped objects to sea

Mrs. Anastasia Virnovskaia, Principal Consultant, Lloyd's Register Consulting, N

14.30 Closing/Adjourn

14.45 Bus transport to airport



SOCIAL ARRANGEMENTS / SOCIAL PROGRAM



Monday April 18th

16.30 Visit BrewDog, brewery

20.00: Get together at Holiday Inn Express AECC



Tuesday April 19th

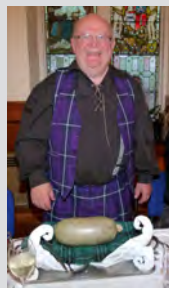
Conference dinner:

18.00 Change into kilts

18.30 Bus from AECC to Ardoe House

19.00 Conference dinner with a taste of Scotland
Peter Mitchell will be the Master of Ceremonies

23.00 Bus back to AECC



GENERAL INFORMATION

Conference no.: 1640100

Time: April 19th - 21st

Place: The Aberdeen Exhibition & Conference Centre,
Aberdeen, UK

Conference Committee:

- Mr. Svein Anders Eriksson,
Petroleum Safety Authority, N
- Mr. Eddy J. Drost,
State Supervision of Mines, NL
- Mr. Maro Hartmann,
Lloyd's Register EMEA, D
- Mr. Tor Inge Hystad, *Statoil, N*
- Mr. Colin Martin, *HSE, UK*
- Mr. Jan Ketil Moberg
Petroleum Safety Authority, N
- Mr. John Morrison, *Enermech, UK*
- Mr. Robert Oftedal, *DNV GL, N*
- Mrs. Anne Line Rosenlund,
Norwegian Society of Lifting Technology, NSLT, N

Conference Fees:

Participants: NOK 12.500,- excl. VAT
Early reg.: NOK 11.500,- excl. VAT (March 5th)
Single day registration: NOK 4.900,- excl. VAT
Lecturers: NOK 5.200,- excl. VAT
Co-authors: NOK 8.500,- excl. VAT
Sponsorship: NOK 20.000,- excl. VAT
Exhibitor: NOK 20.000,- excl. VAT
Daytime packages includes lunch and refreshments
NOK 550,- /day excl. VAT

In addition / Options:

Visit BrewDog, brewery, April 18th : NOK 100,- excl. VAT
Get together April 18th: NOK 300,- excl. VAT
Conference dinner April 19th: NOK 950,- excl. VAT
Kilt Hire £96

GENERAL INFORMATION AND REGISTRATION

Accommodation:

Holiday Inn Aberdeen Exhibition Centre:
£119,- pr. night, incl. breakfast

Holiday Inn Express Aberdeen Exhibition Centre:
£109,- pr. night, incl. breakfast

Payment:

The Registration fee, conference packages and Conference Dinner will be payable to NSLT.

Payment options:

1. By individual invoice. An individual invoice for the registration fees and selected options (excl accommodation costs) will be sent by mail, payable to NSLF. Due date is Friday April 8th 2016. Please bring a copy of the remittance at the conference if payment is made after this.

2. By on-site payment. If it is more convenient for you, bring the invoice with you to the check-in desk, where you can pay with credit card (VISA/Diners/MasterCard/AmEx). Remember to advise us in advance if you select this payment

Cancellation:

Cancellation must be made within three business days before the seminar start unless full fee must be paid. Cancellation fee is 20% of full registration fee after the registration deadline. Only written cancellation is accepted.

Location / venue:

The Aberdeen Exhibition & Conference Centre is Aberdeen's largest venue. AECC has been the choice of many national and international conference organisers, and it offers a world-class facility with state of the art conference rooms. The NSOCLC 2016 will take place in the largest auditorium, Boyd Orr B, with a capacity of more than 250 delegates. The lunches will be served in Crombie suite, and the exhibition/coffee break area will be in Boyd Orr A. More information, see www.aecc.co.uk. For accommodation we have booked the Holiday Inn Aberdeen Exhibition Centre hotels, a part of the same complex as the conference centre. www.holidayinn.com

Registration office:

The Norwegian Society of Lifting Technology, NSLT
Ms. Anne Line Rosenlund
P.O. Box 73, N-1325 Lysaker, Norway
Phone: + 47 67 52 60 12
e-mail: anne.line@tfsk.no

REGISTRATION

Registration by: March 22nd 2016
Online registration: www.liftingoffshore.com

1640100 The 21st International Offshore Cranes & Lifting Conference

(PLEASE USE CAPITAL LETTERS)

Name:..... Company:

Address:

Postcode:..... Country:

E-mail:..... Telephone:.....

PLEASE REGISTER ME FOR THE FOLLOWING OPTIONS:

Full-time conference

Register for one-day only April 19th April 20th April 21st, NOK 4.900,-/day excl. VAT + daytime package

BrewDog, brewery, Monday (NOK 100,- excl. VAT) Get together, Monday (NOK 300,- excl. VAT)

Conference dinner, Tuesday (NOK 950, - excl. VAT)

Kilt Hire £96,-

Bus to the airport, Thursday (Free)

HOTEL: Holiday Inn Aberdeen Exhibition Centre: £119,- pr. night, incl. breakfast

Holiday Inn Express Aberdeen Exhibition Centre: £109,- pr. night, incl. breakfast

arrival datedeparture date

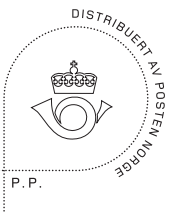
PAYMENT: I prefer on-site payment with credit card, see general information (above).

Date:.....Signature

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P.P.



Returadresse:
Tekniske Foreningers Servicekontor
Postboks 73, No-1325 Lysaker

Registration by: March 22nd 2016

Online registration: www.ktf.no
Conference website: www.liftingoffshore.com

Thank you for the support to:



Exhibitors:



NSLT c/o Tekniske Foreningers Servicekontor PO BOX 73 N-1325 LYSAKER NORWAY

